IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

 Applicant:
 Seed et al.
 Confirmation No.:
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 Serial No.:
 10/521,634
 Art Unit:
 1632

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Patent No.: 7,518,033 B2 Customer No.: 21559

Issued: April 14, 2009

Title: METHODS FOR THE PRODUCTION OF CELLS AND MAMMALS WITH

DESIRED GENETIC MODIFICATIONS

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Applicants hereby request that a Certificate of Correction be issued in the patent identified above. The errors to be corrected are of a minor, typographical nature, occurred in good faith, and are described in detail on the enclosed PTO Form 1050.

Applicants authorize the Patent Office to charge \$100.00 in payment of the fee set forth in 37 C.F.R. § 1.20(a). If there are any other charges or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Reg. No. 35,238

Date: 21 July 2010

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. 7,518,033 B2 DATED Apr. 14, 2009 INVENTOR Seed et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Sheet 13, Fig. 5B, above the bottom left image, add --C68-- and
 above the bottom right image, add -ES--;

Column 8, Line 60, replace "cartificaial" with --artificial--;

Column 11, Line 29, replace "die" with --the--;

Column 14, Line 36, replace "nice" with --mice--;

Column 17, Line 50, replace "replace" with --replaced-Line 64, delete the first instance of "through";

Column 19, line 5, replace "chloramphenical" with -chloramphenicol-Line 35, replace "endonuleases" with --endonucleases--;

Column 20, Line 27, replace "gtctttgaacftatcaatctc" with -gtctttgaacttatcaatctc--;

Lines 58-59, replace "ccacaaacctcatg" --ccacaaacctctatg--.

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SUBSTITUTE FORM PTO 1050

PATENT NO. 7,518,033 B2 NO. ADDITIONAL COPIES @ 50¢ PER PAGE